

Fig.2

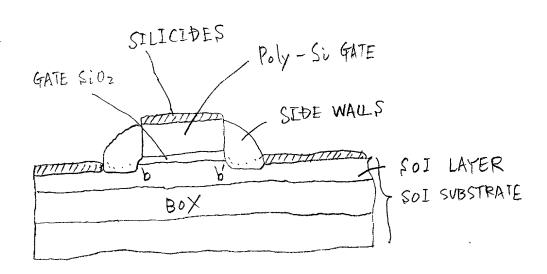


Fig.3

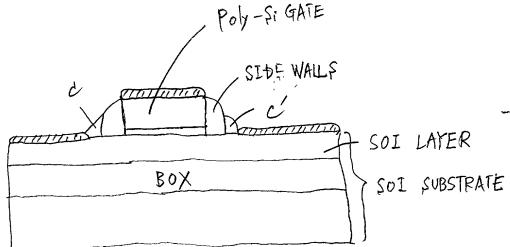


Fig. T Poly-Si GATE Sioz GATE OXIDE FILM SOI LAYER BOX Poly-SiGATE INITIAL SIDE WALLS SOILAYER (2) BOX Poly-SiGATE INITIAL SIDE WALLS SOI LAYER (3) BoX Poly-SiGATE SIDE WALLS SUI LATER (4) BOX Poly-Si GATE SILISIDES SIDE WALLS SILISIDES - SOI LAYER BOX

(5)

Sioz A SOI LAYER Fig.6 (1) BoX Poly-Si OR GREATER THAN OR EQUAL TO 100 NM AMORPHOUS Si B SOI LAYER (2) ВоХ 5 TO 100 NM SELECTIVELY GROWN SIX SOI LAYER (3) BoX Poly-Si OR SELECTIVELY GOOWN SLX AMORPHOUS SE B SOI LATER (4) BOX TRENCHES SOI LATER (5) BOX GATE OXIDE FILM A - SOI LAYER (6) BoX POLYS: GATE E SILICIDES P SIDE WALLS D SOI LAYER (7) BOX

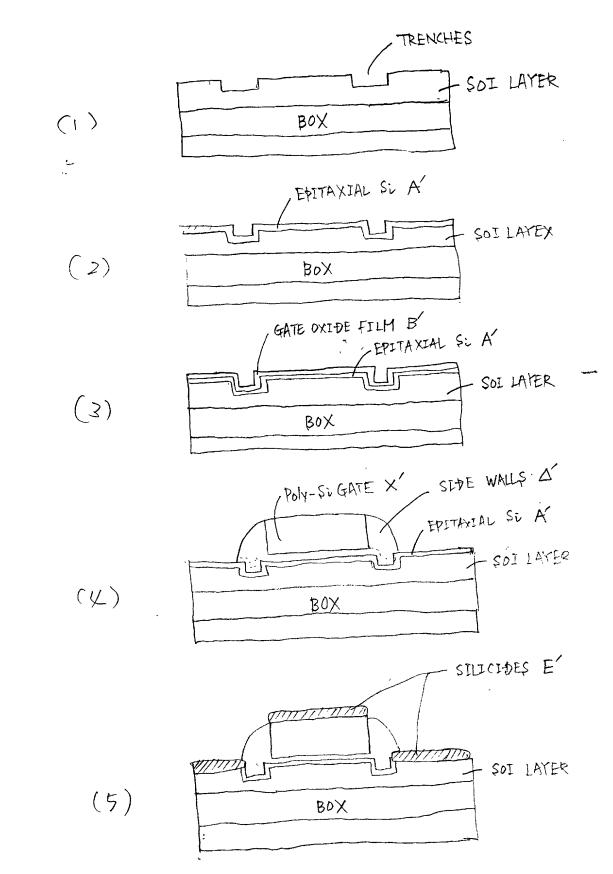


Fig. 8 Poly-Si OR AMORPHOUS Si A" SIDE WALLS X" GATE OXIDE FILM A" SOI LAYER (1)BOX Pely-Si OR AMORPHOUS Si A" Poly-Si GATE B" SIDE WALLS X" SOI LAYER (2) Box SIDE WALLS X SILICIDES E" , Paly- SI GATE B" SILICIDES SOI LAYER (3) BOX